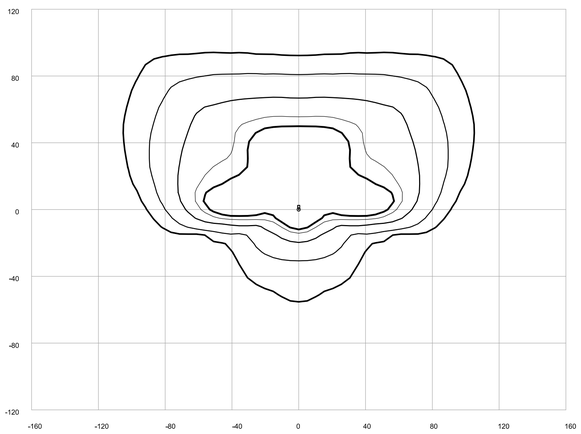
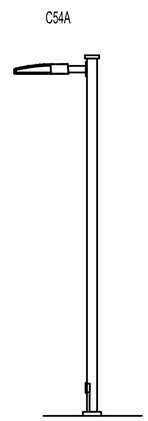
ISOFOOTCANDLE CURVES

FIXTURE: LED205, GALLEON
MOUNTING HEIGHT: 30 FT
LIGHT SOURCE: LED'S, 4000K, 70 CRI
PATTERN: TYPE IV, B3-U0-G4 (zero light at or above 90 degrees)

ASSY# L21KLED21S4BLMC (BLACK)
POLE ASSY# PLS30ABDSQBLC (BLACK)
BRACKET ASSY# LBKTSBUBLC (BLACK)

NOTE: THE FOOTCANDLE READINGS BELOW ARE MAINTAINED AND HAVE BEEN DEPRECIATED FOR LED LUMEN DEPRECIATION AND LUMINAIRE DIRT DEPRECIATION. FOR INITIAL FOOTCANDLES, DIVIDE THE READINGS BELOW BY .85.

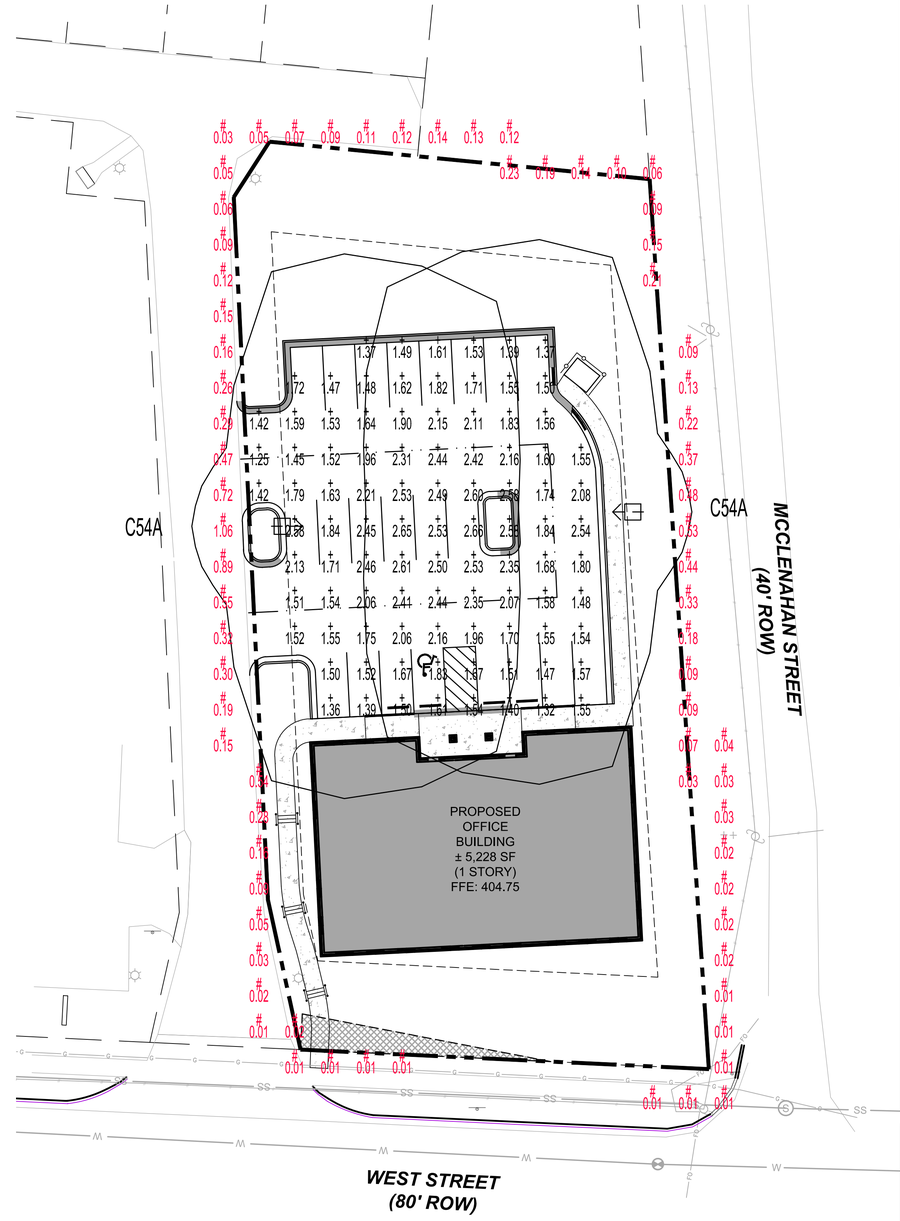




LEGEND (OUTER to INNER): 0.10 , 0.25 , 0.60 , 1.00 , 1.25

CALCULATION SUMMARY										
AREA NAME	DIMENSIONS	GRID / TYPE	# PTS	SPAC	GROUP	AVE	MAX	MIN	MAX/MIN	AVE/MIN
Parking	250.63x327.75Ft	Parking	95	10.00	<+>	1.85	2.66	1.25	2.12	1.48
		Property Line	73	10.00	<#>	0.17	1.06	0.01	169.10	26.95

West Street Office (15-0219) LUMINAIRE SCHEDULE							
TYP	SYMBOL	DESCRIPTION	LAMP	LUMENS	MOUNTING/BALLAST	LLF	QTY
C54A		COOPER LIGHTING CP205_4_1/POLE (1) "C054" CP205_4_1-4/POLE	(64) LED 4000K	20555	30' MT HT Cooper SB	0.85	2



Customer approval_____ Date_____

LIGHTING DESIGN TOLERANCE

The calculated footcandle light levels in this lighting design are predicted values and are based on specific information that has been supplied to Duke Energy Progress. Any inaccuracies in the supplied information, differences in luminaire installation, lighted area geometry including elevation differences, reflective properties of surrounding surfaces, obstructions (foliage or otherwise) in the lighted area, or lighting from sources other than listed in this design may produce different results from the predicted values. Normal tolerances of voltage, lamp output, and ballast and luminaire manufacture will also affect results.

PROPRIETARY & CONFIDENTIAL

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NORTH

20' 10' 0' 20' 40'

SCALE: 1" = 20'

NO.	REVISIONS	DATE

DUKE ENERGY® PROGRESS

WEST STREET OFFICE
PITTSBORO NC
SITE LIGHTING PLAN

Date: 10/19/2015
Scale: 1" = 20'
Drawn: DEP LIGHTING SOLUTIONS
Checked: C. BRENCO
Project No. LED205 SHOEBOX FIXTURES
Computer Dwg. Name 15-0219A

Sheet No: 10 Of 10